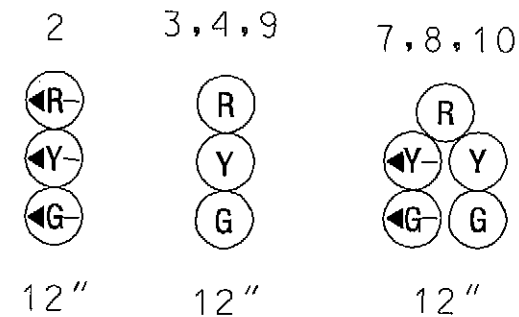
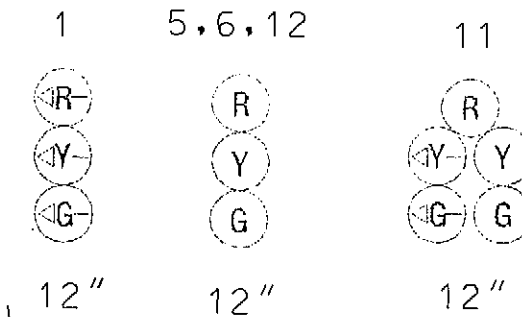


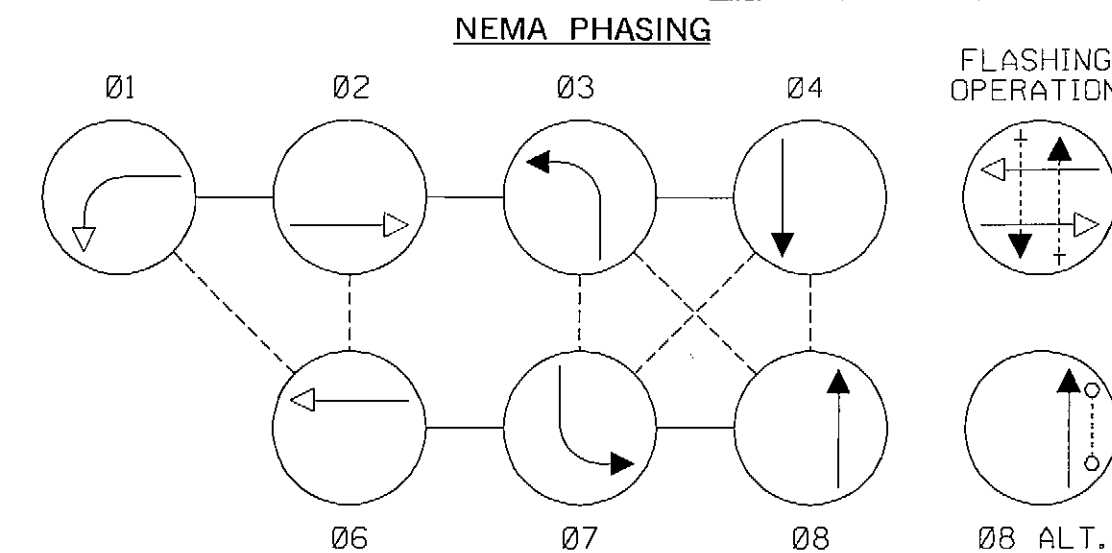
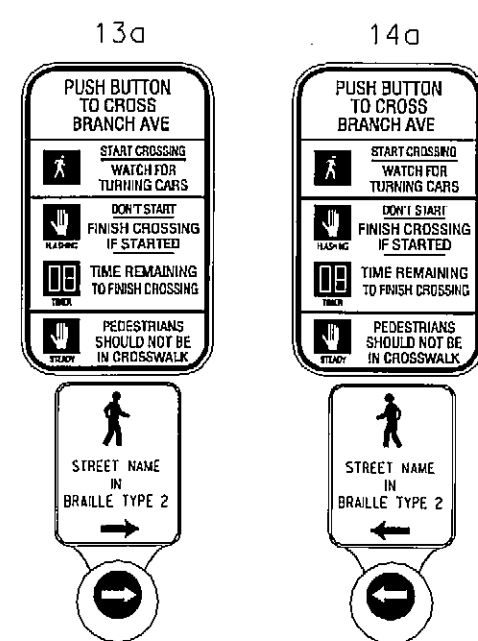
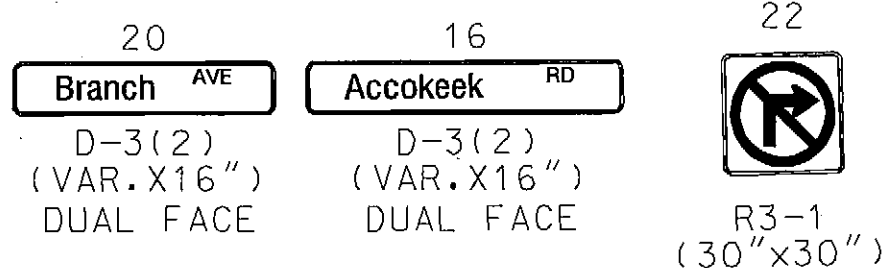
PROPOSED LED SIGNALS



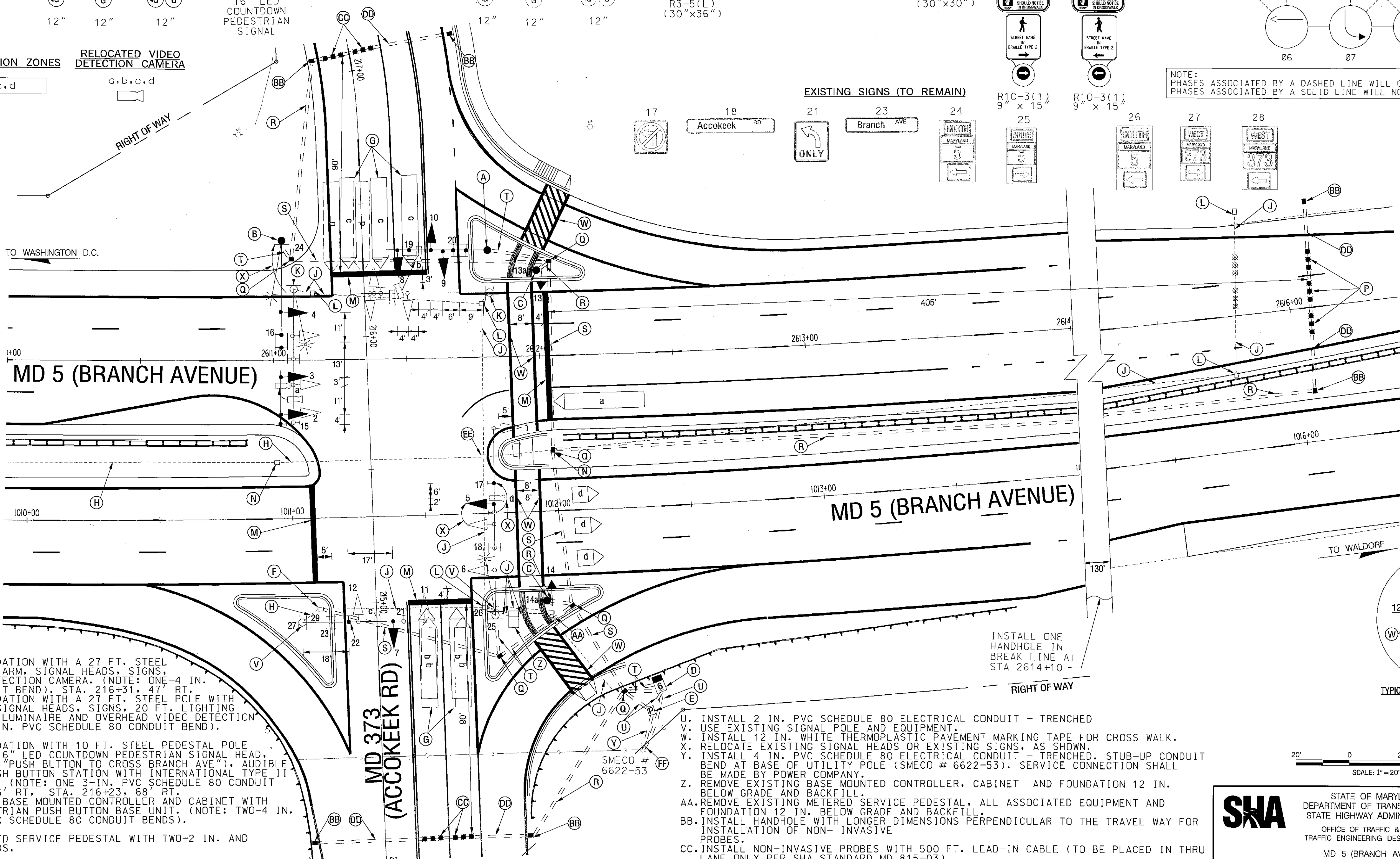
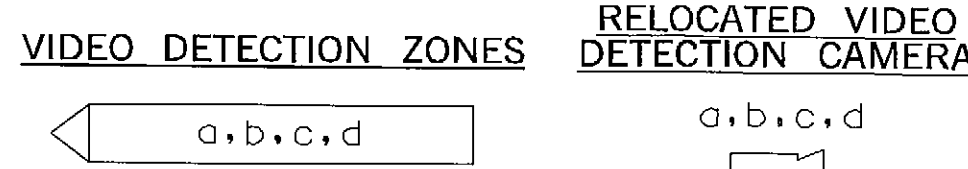
EXISTING LED SIGNALS (TO REMAIN)



PROPOSED SIGNS



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION NOTES

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 38 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE-4 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 216+31, 47, RT.
 - INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 70 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE-4 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 216+37, 31, LT.
 - INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R(10)-3(1) SIGN (READ "PUSH BUTTON TO CROSS BRANCH AVE"), AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE 3-IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 214+98, 66' RT, STA. 216+23, 68' RT.
 - INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON BASE UNIT. (NOTE: TWO-4 IN. PVC AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA. 214+66, 105' RT.
 - INSTALL 200 AMP METERED SERVICE PEDESTAL WITH TWO-2 IN. AND ONE-4 IN. CONDUIT BENDS.
 - USE EXISTING HANDHOLE.
 - RELOCATE EXISTING CAMERA AND ADJUST LOCATION OF VIDEO DETECTION ZONE.
 - MAINTAIN EXISTING CONDUIT.
- K. CAP AND ABANDON EXISTING CONDUIT.
- L. REMOVE EXISTING SIGNAL POLE, ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- M. REMOVE EXISTING HANDHOLE AND BACKFILL 12 IN. BELOW GRADE.
- N. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- O. PULLBACK EXISTING INTERCONNECT CABLE TO THIS HANDHOLE AND REROUTE TO THE CABINET.
- P. INSTALL NON-INVASIVE PROBES WITH 1000 FT. LEAD-IN CABLE (TO BE PLACED IN THRU LANE ONLY PER SHA STANDARD MD 815-03).
- Q. INSTALL HANDHOLE.
- R. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- S. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- T. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

UTILITY LEGEND

- STORM DRAIN
- GAS MAIN
- WATER MAIN
- SEWER MAIN
- ELECTRIC CABLES
- AERIAL CABLES
- TELEPHONE CABLES
- FIBER-OPTIC

- U. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- V. USE EXISTING SIGNAL POLE AND EQUIPMENT.
- W. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSS WALK.
- X. RELOCATE EXISTING SIGNAL HEADS OR EXISTING SIGNS, AS SHOWN.
- Y. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. STUB-UP CONDUIT BEND AT BASE OF UTILITY POLE (SMECO # 6622-53). SERVICE CONNECTION SHALL BE MADE BY POWER COMPANY.
- Z. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- AA. REMOVE EXISTING METERED SERVICE PEDESTAL, ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- BB. INSTALL HANDHOLE WITH LONGER DIMENSIONS PERPENDICULAR TO THE TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.
- CC. INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE (TO BE PLACED IN THRU LANE ONLY PER SHA STANDARD MD 815-03).
- DD. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- EE. REMOVE EXISTING HANDHOLE; CONNECT EXISTING CONDUITS WITH 3 IN. PVC SCHEDULE 80 TO MAINTAIN EXISTING CONDUIT RUN. BACKFILL AND OVERLAY WITH PAVEMENT.
- FF. STUB UP CONDUIT AT BASE OF POLE. TELEPHONE COMPANY TO MAKE FINAL CONNECTION.

SABRA, WANG & ASSOCIATES, INC.
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APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
①	MODIFICATIONS DUE TO GEOMETRIC IMPROVEMENTS SHA NO. PG176B21 SWA E.L. 02/2009
A	GEOMETRIC CHANGE RECONFIGURE EB & WB MD 373 LANE ASSIGNMENTS SHA NO. DW996M82 CU MRN TA

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 5 (BRANCH AVENUE) AT MD 373 (ACCOKEEK ROAD)	
TRAFFIC SIGNAL PLAN	
SCALE: 1" = 20' ADVERTISED DATE: 09/29/77 CONTRACT NO.: P563-501-385	
DESIGNED BY: H. KILIAN JR.	COUNTY: PRINCE GEORGE'S
DRAWN BY: J. SPENCE	LOGMILE: 16000503.06
CHECKED BY:	TMS NO.: J437
F.A.P. NO.: SEE TITLE SHEET	TOD NO.:
TS NO. 1030B	DRAWING: pSG OF P002
SHEET NO. 99 OF 110	

PLOTTED: Friday, February 13, 2009 AT 08:09 AM
FILE: P:\2008\40 BCS 2008-08D WRA JMT\Task 53 MD 5 at MD 373 and Brandywine\dwg\Sig\pSG-P002_MD5.dgn